

Title (en)  
ENGINEERED T CELL, PREPARATION THEREFOR AND USE THEREOF

Title (de)  
GENTECHNISCH VERÄNDERTE T-ZELLE, HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)  
LYMPHOCYTE T MODIFIÉ, SA PRÉPARATION ET SON UTILISATION

Publication  
**EP 4079841 A1 20221026 (EN)**

Application  
**EP 20902832 A 20201218**

Priority  
• CN 201911319383 A 20191219  
• CN 2020137591 W 20201218

Abstract (en)  
Provided is an engineered T cell. A polypeptide down-regulating the expression of a TCR/CD3 complex on cell surface is introduced to reduce the expression of the TCR/CD3 complex on the cell surface. The engineered T cell can be used for therapeutic purposes, such as cancer treatment.

IPC 8 full level  
**C12N 5/0783** (2010.01); **A61K 35/17** (2015.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01); **C12N 5/10** (2006.01); **C12N 15/13** (2006.01)

CPC (source: CN EP KR US)  
**A61K 39/395** (2013.01 - KR); **A61K 39/4611** (2023.05 - CN EP KR US); **A61K 39/4631** (2023.05 - CN EP KR US);  
**A61K 39/4632** (2023.05 - CN EP KR US); **A61K 39/464411** (2023.05 - CN EP KR US); **A61K 39/464412** (2023.05 - CN EP KR US);  
**A61P 35/00** (2018.01 - CN EP KR); **C07K 14/7051** (2013.01 - CN EP KR); **C07K 16/2803** (2013.01 - CN EP);  
**C07K 16/2809** (2013.01 - CN EP KR US); **C12N 5/0636** (2013.01 - CN EP KR US); **C12N 7/00** (2013.01 - CN); **C12N 15/09** (2013.01 - US);  
**C12N 15/86** (2013.01 - CN EP KR); **A61K 2039/505** (2013.01 - CN); **A61K 2039/572** (2013.01 - EP); **C07K 2317/565** (2013.01 - CN EP US);  
**C07K 2317/622** (2013.01 - CN EP KR); **C07K 2317/73** (2013.01 - EP); **C07K 2319/02** (2013.01 - CN KR); **C07K 2319/03** (2013.01 - CN EP KR);  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

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CN 113005088 B 20240604; CN 118562007 A 20240830; JP 2023509590 A 20230309; KR 20220124189 A 20220913;  
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